MEDICAL IMAGING
CSO Customer Support Operations

Fieldservice Bulletin

Order-No.: DD+DIS122.00E

1 Piece T5OBS MA1

April 2000

Field Service Bulletin Nr. 11 for ADC Solo Type: 5155

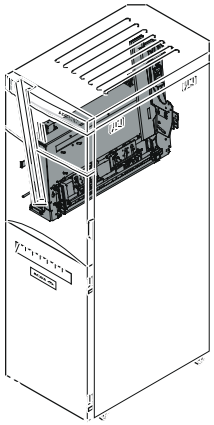
Please file this document in section 13 of your Technical Documentation.

Display of Digitizer claims "Empty Cassette"

Classification			When?		
Safety relevant	Reliability	New function	Immediately	Next service	As required
	x				x

Problem

It can occur that the cassette opener loses the lid of the cassette during the opening process.



Error messages

22481: "Timeout of stepper drive opener" or
22D40: “Empty Cassette”.

The following digitizers may be affected:

Type 5155: SN 1102 - 1215

Reason

Inaccurately adjusted set screw at the cassette opener.

Before adjusting the set screw at the cassette opener make sure that the "opener spring" (CM+9.5155.9210.0) at the side wall of the cassette unit is present (see DD+DIS050.00E "Modification Kit Opener Spring").

Solution

Adjust the set screw at the cassette opener manually.

Allen key 1,5 mm

Adjustment Procedure

1. Switch off the digitizer.
2. Remove the right side panel.
3. Unplug bus connection and power connection of the IP-transport unit.
4. Open four quick-action closures and remove the IP-transport unit. Keep the IP-transport unit in a safe place.
5. Put the cassette lift (1) carefully out of the way. Swivel it behind the metal plate.

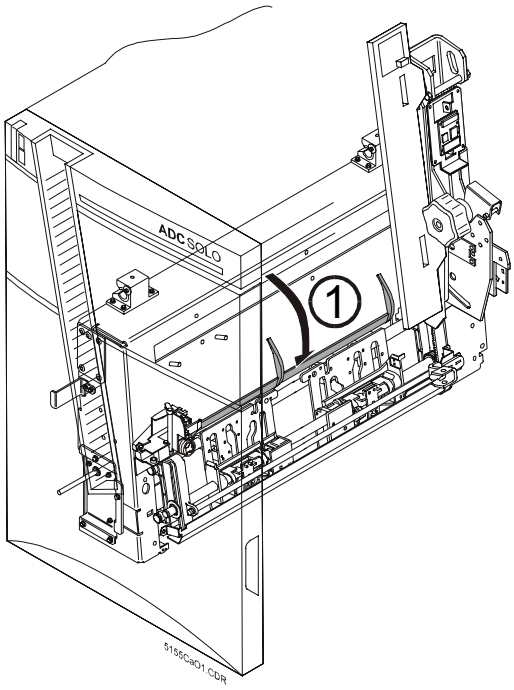


Figure 1

6. Insert a small size cassette (1).
7. Move it firmly to the right limitation of the cassette holder (2).

Now it is inevitable to move the left clamping mechanism (A) of the cassette towards the cassette until it touches it. **Never proceed to the next step before the clamping mechanism has been moved towards the cassette!**

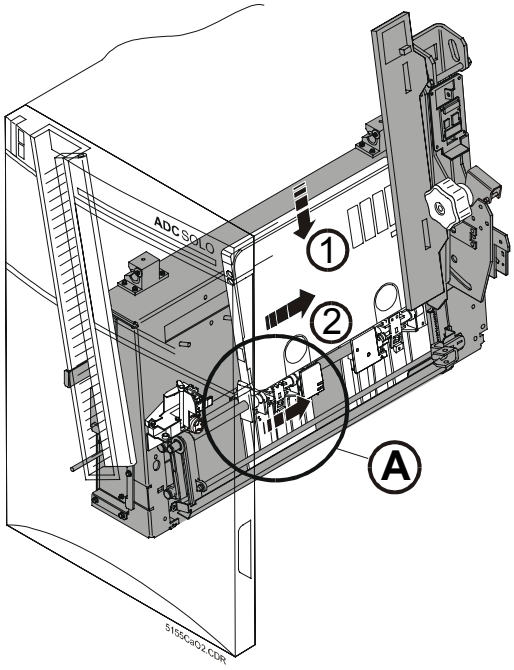


Figure 2

8. Lower the cassette holder (A) by turning the red wheel (1).
9. Lower it until the upper edge of the IP Alignment (B) approximately reaches the level of the upper edge of the guide plate (C).

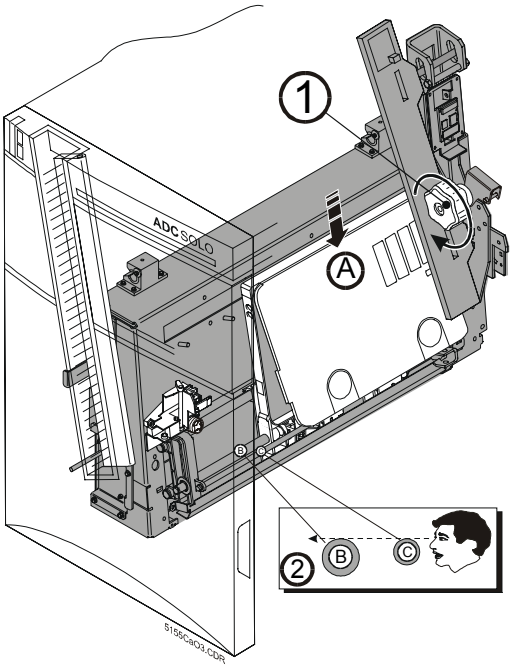


Figure 3

10. During the adjustment process the cassette has to be pressed constantly with one hand towards the right limitation of the cassette holder (1).

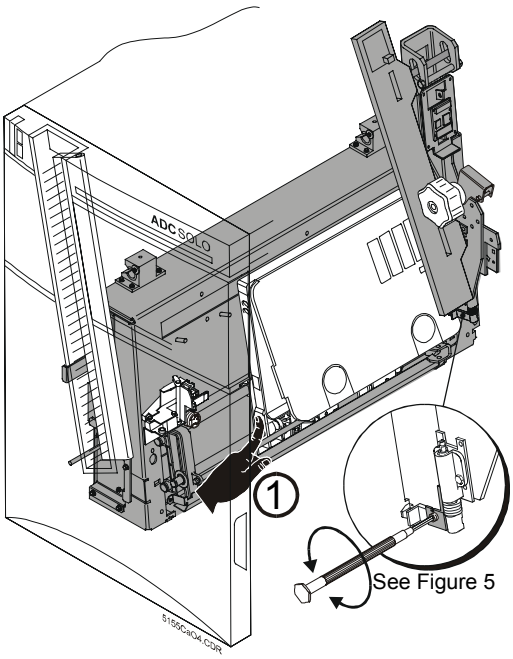


Figure 4

Check the position of the shank of the cassette opener (A) with the cassette pressed towards the right limitation of the cassette holder.
If it either pushes tightly to the cassette or leaves some space between cassette opener and cassette, the position of the cassette opener has to be adjusted.
In the perfect position, the shank of the cassette opener (A) softly touches the cassette.

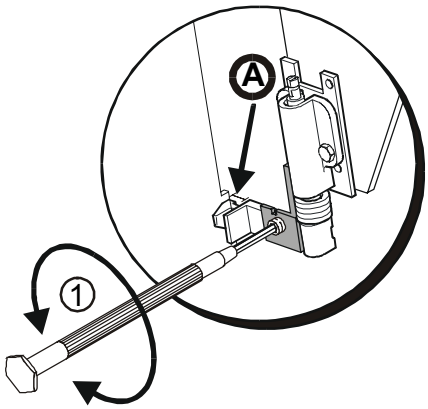


Figure 5

11. Bring it to the perfect position by screwing the adjustment screw (1) either clockwise or counterclockwise.
12. Turn the red wheel (Figure 3 (1)) up and down several times, to check the function and the adjustment of the cassette opener. The result is satisfactory, if the cassette holder won´t loose the cassette lid.
13. If safety laquer at hand: add some safety laquer to the adjustment screw.
14. Close the ADC Solo again and switch on the digitizer.

Remember: This adjustment is only necessary with digitizers of the series 1102 – 1215.